

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 12274  
Application ID: 09682421  
Title of Invention: METHOD AND APPARATUS FOR  
GENERATING  
ELECTROCARDIOGRAM  
PRECORDIAL LEADS USING A  
PRECORDIAL CENTRAL  
TERMINAL  
First Named Inventor: Donald Brodnick  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-08-31  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 0391999526-0  
Digital Certificate Holder: cn=Raye Lynn Shaffer, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: rCNCvkCKSiYm3ldOircvUQ==  
Total Fees Authorized: \$1846.0  
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Credit Card Number: \*\*\*\*\*6133  
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RAM Sequence Number: 334648



RAM success

53202

[illegible]

# TRANSMITTAL FORM



Electronic Version  
1.0.2

Stylesheet Version: 1.0

Attorney Docket  
Number:

0391999526-  
0

## METHOD AND APPARATUS FOR GENERATING ELECTROCARDIOGRAM PRECORDIAL LEADS USING A PRECORDIAL CENTRAL TERMINAL

First Named Inventor: Donald E. Brodnick

### SUBMITTED BY

Name: Raye L. Shaffer

Registration Number: 37933

Electronic Signature Mark: /s/

Raye L. Shaffer

Date Signed: 20010831

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

Attached Files:

fee-transmittal  
specification  
declaration  
declaration  
bibd-transmittal  
patent-assignment

epave00fee.xml  
efs0391999526.xml  
declar1.tif  
declar2.tif  
epave00apds.xml  
epave00asgn.xml

**Attached Image File(s):**

declar1.tif  
declar2.tif

0391999526-0004

**Comments:**

The documents attached as part of this filing include: 1) the transmittal, 2) the specification (including six sheets of drawings), 3) the Declaration and Power of Attorney for Patent Application (two pages), 4) the application data sheet, 5) the fee transmittal, 6) Assignment transmittal, 7) Assignment (two pages). The document is filed by: Michael Best & Friedrich LLP (414) 271-6560.

096341-03401

Declaration and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR GENERATING ELECTROCARDIOGRAM PRECORDIAL LEAD USING A PRECORDIAL CENTRAL TERMINAL (Attorney Docket No. 039199-9526) the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

And I hereby appoint Thomas A. Miller (Reg. No. 36,871), Christian G. Cabo (Reg. No. 35, 467), Michael A. Della Penna (Reg. No. 45,697), Phyllis Y. Price (Reg. No. 34, 234), Peter J. Vogel (Reg. No. 41,363), Jay L. Chaskin (Reg. No. 24,030), Ronald E. Myrick (Reg. No. 26, 315), Henry J. Polcinski (Reg. No. 26, 621), John C. Bigler (Reg. No. 29,513), Glenn M. Massina (Reg. No. 40,081), Leon Nigohosian, Jr. (Reg. No. 39,791), Christopher B. Austin (Reg. No. 41,592), David L. De Bruin (Reg. No. 35,489), Gerald L. Fellows (Reg. No. 36,133), Joseph A. Gemignani (Reg. No. 19,482), Gregory J. Hartwig (Reg. No. 46,761), Daniel S. Jones (Reg. No. 42,697), Richard L. Kaiser (Reg. No. 46,158), Timothy M. Kelley (Reg. No. 34,201), Casimir Laska (Reg. No. 30,862), Edward R. Lawson Jr. (Reg. No. 41,931), Craig J. Loest (Reg. No. P-48,557), Richard H. Marschall (Reg. No. 39,290), Kevin P. Moran (Reg. No. 37,193), Thomas J. Otterlee (Reg. No. P-48,652), David R. Price (Reg. No. 31,557), Thomas S. Reynolds II (Reg. No. 45,262), Raye L. Shaffer (Reg. No. 47,933), Chac Shea (Reg. No. P-48,470), Billie Jean Smith (Reg. No. 36,940), David B. Smith (Reg. No. 27,595), Derek C. Stettner (Reg. No. 37,945), Donald W. Walk (Reg. No. 29,111), Glen A. Weitzer (Reg. No. P-48,337), Sheldon L. Wolfe (Reg. No. 43,996), Jill A. Fahrlander (Reg. No. 42,518), Grady J. Frenchick (Reg. No. 29,018), Jeffrey D. Peterson (Reg. No. P-49,038), Sara Vinarov (Reg. No. P-48,524), Jeffrey S. Ward (Reg. No. 32,774), Teresa J. Welch (Reg. No. 33,049), Charlene L. Yager (Reg. No. P-48,887), Louis Altman (Reg. No. 19,373), Robert S. Beiser (Reg. No. 28,687), Lisa Childs (Reg. No. 39,937), Charles A. Laff (Reg. No. 19,787), William A. Meunier (Reg. No. 41,193), Larry L. Saret (Reg. No. 27,674), Martin L. Stern (Reg. No. 28,911), Ben W. Sufrin (Reg. No. 27,398), Marshall W. Sutker (Reg. No. 19,995), Sean S. Swidle (Reg. No. P-49,033), Kevin C. Trock (Reg. No. 37,745), J. Warren Whitesel (Reg. No.

16,830), Jane Wright-Mitchell (Reg. No. 47,187), and each or any of them, my attorneys or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connect therewith.

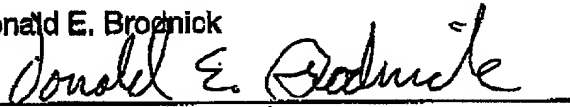
ADDRESS ALL COMMUNICATIONS IN OR PERTAINING TO THIS APPLICATION TO:

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Milwaukee, WI 53202-4108

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Donald E. Brodnick

Inventor's signature



Date:

22 - August - 2001

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# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1846**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 6133  
Expiration Date: 20010930  
Authorized Name: Thomas A. Miller  
Billing Address: 53202

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 72	103	\$ 18	52	\$ 936
Independent Claims: 5	102	\$ 80	2	\$ 160

Subtotal For Extra Claims Fees: \$ 1096

## ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40